Amended claims

1. (Currently Amended) A system for processing data concerning patient radiation treatment, comprising:

an input processor for receiving data identifying a first radiation dose, received by a particular anatomical part of a patient, from a radiation source external to a patient and a second radiation dose, received by said particular anatomical part of said patient from a radiation source internal to said patient and implanted within said patient;

a data processor for combining data representing said first and second dose to provide a combined therapeutic dose value representing a total cumulative radiation dose received by said particular anatomical part of said patient; and

a storage processor for automatically storing said combined dose value in an electronic record associated with said patient in a repository concurrently accessible by a plurality of healthcare workers using remote devices.

2. (Currently Amended) A system according to claim 1, wherein

~~said radiation source internal to said patient is a device implanted within said patient and~~

said data processor combines said data representing said first and second dose by summing values representing said first and second dose to provide said combined dose value.

3. (Original) A system according to claim 1, wherein

said radiation source internal to said patient comprises at least one of, (a) an implanted device, (b) an intra-vascular radiation treatment source, (d) a temporarily inserted radiation source, (e) a permanently inserted radiation source, (f) a diagnostic related radiation source and (g) a therapeutic radiation source.

4. (Currently Amended) A system according to claim 1, ~~wherein~~

~~said storage processor stores said combined value in an electronic patient record associated with said patient in a repository accessible from remote devices~~ including

a rules processor for initiating generation of an alert message for communication to a healthcare worker, in response to said combined dose value.

5. (Currently Amended) A system according to claim 1, wherein

said input processor receives data identifying a radiation value emitted by a radiation source implanted within a patient and

said storage processor stores said emitted radiation value and said combined dose value in said record associated with said patient.

6. (Currently Amended) A system according to claim 5, wherein

said storage processor stores said emitted radiation value and said combined dose value in at least one of, (a) the same portion of said record and (b) a related record section of said record, to consolidate radiation related data in a particular patient record section.

7. (Original) A system according to claim 1, wherein

said record associated with said patient includes at least one of, (a) an identification of said particular anatomical part of said patient, (b) said first radiation dose, (c) said second radiation dose and (d) data identifying a radiation value emitted by a radiation source implanted within a patient.

8. (Currently Amended) A system according to claim 1, including

a communication interface for initiating communication of an alert message to a user identifying said combined dose value associated with said patient.

9. (Currently Amended) A system according to claim 1, including

a task manager for updating a record indicating a task to be performed by including an additional task in response to said combined dose value.

10. (Original) A system according to claim 9, wherein

said additional task is to be performed by at least one healthcare worker and comprises a prompt to a healthcare worker to perform an action.

11. (Currently Amended) A system according to claim 1, including

an interface processor for using said combined dose value in configuring a radiation therapy device for delivering a radiation treatment to a patient.

12. (Currently Amended) A system for processing data concerning patient radiation treatment, comprising:

an input processor for receiving data identifying a first radiation dose, received by a particular anatomical part of a patient, from a radiation source external to a patient and a second radiation dose, received by said particular anatomical part of said patient from a radiation source internal to said patient and implanted within said patient;

a data processor for combining data representing said first and second dose to provide a combined therapeutic dose value representing a total cumulative radiation dose received by said particular anatomical part of said patient;

a storage processor for automatically storing said combined dose value in an electronic record associated with said patient in a repository concurrently accessible by a plurality of healthcare workers using remote devices; and

a task manager for updating a record indicating a task to be performed by including an additional task in response to said combined dose value.

13. (Currently Amended) A system according to claim 12 wherein

said input processor receives data identifying a radiation value emitted by a radiation source implanted within a patient and

said task manager updates a record to indicate a perimeter is to be designated identifying an area around said patient to be avoided by other personnel, in response to said combined dose value.

14. (Currently Amended) A method for processing data concerning patient radiation treatment, comprising the activities of:

receiving data identifying a first radiation dose, received by a particular anatomical part of a patient, from a radiation source external to a patient and a second radiation dose, received by said particular anatomical part of said patient from a radiation source internal to said patient and implanted within said patient;

combining data representing said first and second dose to provide a combined therapeutic dose value representing a total cumulative radiation dose received by said particular anatomical part of said patient; and

automatically storing said combined dose value in an electronic record associated with said patient in a repository concurrently accessible by a plurality of healthcare workers using remote devices.